



INTERNATIONAL CODE COUNCIL

2 0 0 4 Candidate Bulletin

CALIFORNIA UNDERGROUND STORAGE TANK CERTIFICATION EXAMS

- **California UST System Operator**
- **California UST Service Technician**
- **California UST Inspector**

Effective: September, 2004

**TO SCHEDULE YOUR EXAM,
CALL LASERGRADE AT (800) 211-2754**

For further information on certification, please call the ICC phone number at (800) 423-6587 ext 3419, or visit ICC's web site at www.iccsafe.org.



Information in this bulletin is accurate on the date of printing but is subject to change without prior notice.

International Code Council
Los Angeles District Office
5360 Workman Mill Road
Whittier, CA 90601-2298
Phone: (800) 423-6587 ext 3419
Local Phone: (562) 699-0541 ext 3419
Web Site: www.iccsafe.org

(Updated August, 2004)

CONTENTS

Part 1 - GENERAL INFORMATION	1
Recognition of ICC Certification	1
Renewal of Certification	1
Part 2 - COMMON QUESTIONS AND ANSWERS	1
Part 3 - EXAMINATION REGISTRATION INFORMATION	2
How to Make an Examination Reservation	2
Testing Locations	3
Examination Fees	4
Part 4 - TAKING THE EXAMINATION	4
Part 5 - DESCRIPTION OF THE EXAMINATIONS	5
Part 6 - EXAMINATION OUTLINES AND REFERENCES	6
California UST System Operator Examination Content Outline	6
California UST System Operator Examination References	6
California UST Service Technician Examination Content Outline	7
California UST Service Technician Examination References	7
California UST Inspector Examination Content Outline	8
California UST Inspector Examination References	8
Part 7 - SAMPLE QUESTIONS	9
Part 8 - PREPARING FOR THE EXAMINATION	11

Part 1 - GENERAL INFORMATION

The Voluntary Certification Program

Passing a certification examination provides evidence that an individual possesses critical knowledge of relevant codes, standards, laws, and regulations necessary for competent practice of the profession. The certification examinations are not designed to rank individuals from a high to a low competence or to determine the best qualified person for a job opening, and they are not designed as intelligence examinations to measure a person's intuitive knowledge and abilities.

The ICC Certification Program is governed by rules which establish procedures for the application process, fees, scheduling, administration, challenge and appeal of exam results. The exams are continually edited and updated to reflect current standards of practice. The key element in the examination validation process is the review of the examination questions by committees of practicing and experienced individuals who are experts in each examination category.

Purpose

The purpose of the California Underground Storage Tank (UST) Certification Program is to provide:

1. A recognized examination and credential for individuals to demonstrate their knowledge of various regulatory codes, standards, and practices.
2. A mechanism that governmental jurisdictions can use to verify the technical knowledge of those involved in this work.

Recognition of ICC Certification

The ICC Certification Program provides a highly esteemed professional credential. Once individuals are certified, they may use their certification on business cards, etc. and should include both the certification name and number in the following format: (eg. for example;) "Certified by ICC as California UST Service Technician No. 123456789."

Renewal of Certification

Certificates are valid for two years. Individuals who wish to renew their certificate for an additional two year period may do so by taking and passing the exam again.

Part 2 - COMMON QUESTIONS AND ANSWERS

Is a candidate required to have a certain level of experience or education before taking an examination?

No. ICC examinations are open to all individuals with no prerequisite for experience or education. Certified individuals should possess the right mix of technical knowledge, education, and related experience.

Are examination preparation seminars offered by ICC?

No. Success in the UST professions requires a broad educational background and experience in the field. Individuals lacking this education or experience should not expect to gain the required knowledge, and be successful on the exam, merely by attending an intensive seminar. "Teaching the test" would diminish the credibility of the certification program and would not serve its purposes. Ethical considerations prevent ICC from offering examination preparation courses.

Many seminars are available which are designed for the continuing education of individuals in the UST professions and help increase the knowledge of certification applicants. But there should be no intent to specifically "teach the test".

What is the best way to prepare for the examination?

Sometimes individuals have taken the examinations without even obtaining the exam references and are often not very successful. The best way to prepare for the examination is not only through job experience, but also through study of the reference materials listed in this bulletin. Seminars, may be helpful. However, nothing can substitute for intently studying the reference materials. Before you take the exam, you must devote the time needed to understand the references.

PART 3 - EXAMINATION REGISTRATION INFORMATION

Policy for Taking and Retaking Examinations

During any six (6) month period (for any one category), you may take the exam **twice**, if necessary, to pass the exam. The **full exam fee is required each time you take the exam**. If you do not pass in two attempts, you will be required to wait to take the test again until **six months** from the date of your **first** exam.

Taking the examination in one category has no effect on testing, for the six-month period for another category. For example, if you take the CA UST System Operator examination and fail it, you would be allowed to take the CA UST Service Technician examination without regard to the six-month period for your CA UST System Operator examination.

Computer-Based Testing

ICC certification examinations are administered using a “computer-based testing” (CBT) method. The CBT examinations are administered for ICC by LaserGrade, a professional testing company. Before you begin your test, you will have time to practice with sample questions. Computer-based testing eliminates the use of paper answer sheets and scantron forms. Within minutes of completing the examination, your examination will be scored and you will receive a score report.

The examination results are reported to ICC on a monthly basis and certificates and wallet cards are issued by ICC based on the score information provided by LaserGrade. Although the certificate and wallet card are not mailed to you by ICC until up to six weeks after the end of the month in which you took the examination, LaserGrade issues an official score report letter immediately upon completion of the examination at the test center.

Special Examination Arrangements and Services

If you have a disabling condition or need special arrangements for testing, you may ask for special testing services. All examination sites have access for candidates with disabilities.

Any candidate requesting special testing arrangements due to impaired sensory, manual or speaking skills, or other disability must submit a written request which includes a description of the special requirements. This request should also include supporting documentation from a professional qualified to diagnose the condition and an explanation of the need for test aids or modifications. In some cases there may be an additional fee for special arrangements. ICC and LaserGrade will determine the time and place of specially arranged examinations and confirm these arrangements with the candidate directly. For CBT exams, send your request for special examination arrangements to:

LaserGrade
P.O. Box 87245
Vancouver, WA 98687-7245

How to Make an Examination Reservation

You do NOT need to fill out an application form. After reading this candidate bulletin, to make a reservation for your ICC examination, **call LaserGrade at (800) 211-2754** between 6:00 a.m. and 5:00 p.m. Pacific time, Monday through Friday; 6:00 a.m. to 2:00 p.m. on Saturday. A representative will take your name and important information and will help you select the optimal test date and location for your schedule. Walk-in testing is not available. You will receive a confirmation number when you register which you will need to be admitted to the test center.

Examination Dates

The ICC exams are administered Monday through Saturday, with the exception of holidays. Some testing centers are open daily, while others are open on specific days of the week.

Inclement Weather and Emergencies

Test administrations will be delayed or canceled only in emergencies. If severe weather or a natural disaster makes the test center inaccessible or unsafe, the test administration may be canceled.

Testing Locations

LaserGrade has 34 testing centers located in 29 cities in California. For additional information on the hours of operation of these testing centers, visit the LaserGrade website: <http://www.lasergrade.com/cgi/completew.cgi#uCA>

R and S Trucking (95601)
13611 New Airport Rd
Auburn, CA 95602

Inland Flight Training Center LLC (93302)
1701B Skyway Drive Suite 110
Bakersfield, CA 93308

Western Cardinal, Inc (93001)
205 Durley Ave
Camarillo, CA 93010

Civic Helicopters Inc (92007)
2192 H Palomar Airport Rd
Carlsbad, CA 92008

Pinnacle Aviation Academy Inc. (92006)
2016 Palomar Airport Road Suite D
Carlsbad, CA 92008

Alliance International Aviation (91702)
7000 Merrill Ave Box 69 Hangar #1
Chino, CA 91710

Makarion Institute of Aeronautics (91706)
7000 Merrill Ave Hangar 4 Box 7
Chino, CA 91710

Aviation Electronic Schools of America (95702)
201 S. Railroad Street
Colfax, CA 95713

Helistream, Inc (92601)
3000 Airway Ave, Suite 350
Costa Mesa, CA 92626

Anglo-American Aviation, Inc. (92004)
2035 North Marshall Avenue
El Cajon, CA 92020

California Flight Academy (92001)
2045 N. Marshall
El Cajon, CA 92020

Universal Aviators Academy Inc. (91705)
4233 Santa Anita Avenue No. 13
El Monte, CA 91731

Northern Air (95501)
4102 Jacobs Ave
Eureka, CA 95501

Mazzei Flying Service (93701)
4885 E. Shields, Ste. 201
Fresno, CA 93726

King-Sheffield Hanford Flt Ctr LLC (93202)
954 E Hanford-Armona Rd
Hanford, CA 93232

Flying Vikings, Inc. (94502)
21593 Skywest Drive
Hayward, CA 94541

Hesperia Aviation (92301)
7070 Summit Valley Road
Hesperia, CA 92345

Barnes Aviation (93501)
P.O. Box 2087
Lancaster, CA 93539

Wollard Aviation dba. Ahart Aviation Services (94504)
186 Airway Blvd.
Livermore, CA 94550

Long Beach Flying Club (90801)
2631 E. Spring St.
Long Beach, CA 90806-2218

Sequoia Institute-Sierra Campus (94602)
7850 Earhart Road
Oakland, CA 94621

Hillside Aviation, Inc. (96001)
2600 Gold Street
Redding, CA 96001

Riverside Air Service (90502)
6741 Gemende Drive
Riverside, CA 92504

Sky Walk, Inc. (95803)
6151 Freeport Blvd. Suite 158
Sacramento, CA 95822

San Diego Flight Training (92103)
8745 Aero Drive, Suite 103
San Diego, CA 92123

Scandinavian Aviation Academy Inc. (92101)
8665 Gibbs Drive Suite 110
San Diego, CA 92123

Nice Air Express (95101)
2575 Robert Fowler Way
San Jose, CA 95148

Victory Aviators (93405)
4349 Santa Fe Road
San Luis Obispo, CA 93401

Lenair Aviation (92702)
19531 Campus Dr Ste 5
Santa Ana, CA 92707

Aviation Unlimited (93403)
3245 Terminal Dr. Ste 103
Santa Maria, CA 93455

Tantalizing Takeoff's (90401)
3021 Airport Ave Ste. 115
Santa Monica, CA 90405

Benbow Aviation (90501)
3403 Airport Dr.
Torrance, CA 90505

Blue Skies Aviation (91402)
7535 ValJean Ave. #4
Van Nuys, CA 91406

Group 3 Aviation Inc. (91404)
16425 Hart St.
Van Nuys, CA 91406

Examination Fees

Category Number	Category	Total Examination Fee
UC	California UST System Operator	\$75.00
UT	California UST Service Technician	\$75.00
UI	California UST Inspector	\$75.00

Payment of Fees

The exam fee must be paid by credit card, debit card (issued through **VISA**, or **MASTERCARD**) or check at the time a reservation is made, NOT at the test center. If you do not have or do not wish to use a credit card or debit card, you may choose to prepay the examination fee by check. Paying by check may require more time to confirm the exam reservation. Once an appointment for an examination has been initiated, the candidate is responsible for paying the fee.

Absences/Refunds for CBT Examinations

If you are unable to attend the exam you were scheduled for, you may be excused for the following reasons:

1. Illness—either yourself or an immediate family member (with a letter from a medical professional);
2. Death in the immediate family;
3. Disabling traffic accident;
4. Court appearance, jury duty, or military duty.

All candidates seeking excused absences must submit written verification and supporting documentation of the situation to LaserGrade within 14 days of the original examination date.

Part 4 - TAKING THE EXAMINATION

Day of the Examination

Be sure to allow sufficient time to find the test center so that you can arrive in time for your appointment. Late arrivals may not be allowed to take the test. You must take with you to the test center the confirmation number which you will receive from LaserGrade when you call to schedule your test and two forms of identification with your signature, at least one of which must have your photo (preferably a driver's license).

Examination Center Rules and Procedures:

1. The use of bound published references are allowed for open book exams. Materials may not be shared by candidates. Only the California UST System Operator and California UST Inspector exams are open book. The California UST Service Technician exam is closed book and reference books may not be used during this examination.
2. Any examinee who gives or receives assistance during the examination will be required to turn in his or her materials immediately and leave the room. In addition, the proctor may dismiss an examinee for any of the following: creating a disturbance, attempting to remove materials or notes from the examination room, or using unauthorized references. The examination of an examinee dismissed by the proctor will not be scored.

Test Results

After completing the test, your exam will be scored and you will receive a score report before you leave the test center. Appointments for retesting may not be made at the test center.

Test Scores

Each test question has one best answer. You will not receive credit for any question which has the wrong answer marked, has more than one answer marked, or is left blank. The tests are timed.

Exam scores are converted to a scale on which 75 is the minimum passing score. The number of correct answers necessary to achieve a scaled score of 75 constitutes minimum acceptable competency. To insure that the difficulty of each exam is equal to any other exam form for the same category, the number of questions that you will be required to answer correctly to achieve the scaled score of 75 may be more than or less than a simple 75 percent of the questions on the exam. The scaled score is established by a committee made up of individuals practicing in the occupation who are experts in each examination category. Your score therefore, is based on the number of questions answered correctly relative to the difficulty level of the exam as compared to other exam forms.

Candidates who pass will be notified with the word "PASS." Those who fail will be given a numeric score.

Certificate and Wallet Card

ICC will mail to each passing candidate a certificate and wallet card four to six weeks after the end of the month in which the candidate took the exam.

How to Register a Comment or Challenge

If you wish to submit a comment or challenge about the test center facilities, examination proctor or any other matter related to the testing program, write to ICC Certification Services. Be sure to provide the exam category taken, the exam date, the center location, and your name and address. Challenges must be submitted within 30 days of the exam.

You may submit a challenge regarding individual questions on a form available from the LaserGrade testing center or from ICC. You may also submit a challenge by writing a letter to ICC. You will not be permitted to view the exam while completing the challenge. Challenges must be written only after the timed examination since you will not be given time at the exam center to write the challenge. To complete a challenge form or letter, remember as well as you can, the information about the exam question and describe it in writing. Your description, reason for challenging, and the reference (page or section of the exam reference) your challenge is based on should be included. Challenges will be reviewed and if any question error is found, your score will be adjusted accordingly.

Part 5 - DESCRIPTION OF THE EXAMINATIONS

Examination Format

Each exam consists of one part with multiple-choice questions and is either open- or closed-book as indicated below. On each exam, all questions have equal weighting. No references may be used during the closed-book exam.

Category	Questions	Time Limit	Open/Closed Book
California UST System Operator	60	1-1/2 Hours	Open
California UST Service Technician	60	1-1/2 Hours	Closed
California UST Inspector	60	1-1/2 Hours	Open

Pretest Items

On some examinations there may be some new questions that are not scored. These are pretest items. They are used only to evaluate how the questions perform and will neither add to nor detract from your score.

References

References are available through ICC at 5360 Workman Mill Road, Whittier, California 90601, or by calling the ICC Order Department at (800) 284-4406. For more information, also visit ICC's web site at www.iccsafe.org.

Part 6 - EXAMINATION OUTLINES AND REFERENCES

CALIFORNIA UST SYSTEM OPERATOR

The California UST System Operator certification is designed to show satisfactory knowledge of general principles and procedures pertaining to the operation of Underground Storage Tank facilities. This exam is not intended to indicate that a person is qualified as a technician for UST systems. The California UST Systems Operator exam is for the individual designated to be in control of, or having responsibility for the operation of a UST system. This person has responsibility for the operation and maintenance of the system in a manner to ensure that it is in compliance with applicable state and federal regulations and industry standards to protect the health, safety and welfare of the public and environment.

CONTENT OUTLINE

1. Tanks, Piping , Containment, Monitoring Systems and Operation Authority **20%**

Identify type, size, material and contents of tank. Identify the type and placement of monitoring systems. Identify piping, type and material, pressure / suction piping. Determine if the UST system has secondary containment. Determine laws and regulations under which the facility is operated. Determine laws and regulations applicable to temporary and permanent closure. Verify compliance with applicable local, state laws.

2. Operating Requirements **30%**

Verify that overfill protection and spill prevention devices are present & operational. Verify that the cathodic protection system is operational and that cathodic protection testing is performed at required intervals. Verify that sumps and spill containment boxes are inspected for accumulation of liquid and debris. Inspect hardware such as nozzles, breakaway couplings, hoses and impact valves. Verify emergency equipment shut-off, fire extinguishers & fire suppression systems & alarm pull boxes in place & operational. Determine the proper way to clean up and handle product spills, overflow from a tank or customer container.

3. Release Detection **25%**

Verify correct method of release detection is in place & implemented properly and at the required frequency. Verify that any leak detection devices and equipment are operational and have third-party certification if applicable. Verify that all required periodic testing & maintenance is performed.

4. Record Keeping **17%**

Maintain written performance claims, results of sampling, testing monitoring, written documentation of calibration, maintenance & repair. Maintain records of the operation and testing of the corrosion protection, and vapor recovery systems. Maintain records of all installation, upgrade, repairs and closures. Maintain financial responsibility.

5. Release Reporting and Confirmation **8%**

Report releases as required to the implementing agency within the required time frame. Maintain records of releases. Contain and immediately clean up a spill or overfill and report such to the implementing agency within the required time.

California UST System Operator - Required References

1. *California Code of Regulations, Title 23, Division 3, Chapter 16, Underground Storage Tank Regulations.
2. *California Health and Safety Code, Chapter 6.7, Underground Storage of Hazardous Substances
3. Operating and Maintaining Underground Storage Tank Systems, August 2000 (EPA 510-B-00-008)
4. Straight Talk on Tanks, September 1997 (EPA 510-B97-007)
5. Dollars and Sense, Financial Responsibility Requirements for UST's (EPA 510-K-95-004)

* References 1 and 2 are available at this website: <http://www.swrcb.ca.gov/ust/regulatory/index.html>

This is an open-book exam. A booklet titled **California UST System Operator Exam References** containing the above five references is permitted to be used and will be provided for use during the exam. It is available from ICC for your own study copy. No loose notes or papers will be permitted to be taken into the exam.

CALIFORNIA UST SERVICE TECHNICIAN EXAMINATION

The California UST Service Technician exam is for the individual who installs or tests monitoring equipment, or provides maintenance, service, system programming or diagnostics, calibration, or trouble-shooting for UST system containment, monitoring and fuel delivery components and demonstrates an understanding of vent and vapor recovery systems through component identification.

CONTENT OUTLINE

1. UST Service Technician Qualifications 12%

Refer to California UST laws and regulations while working within the scope of a UST Service Technician. Complete and obtain certificate(s) for manufacturer training on specific equipment. Maintain appropriate certifications and state licenses.

2. UST Systems 28%

Identify the UST system layout and configuration. Identify the types, sizes, materials and contents of tanks and piping. Identify Phase I and Phase II vapor recovery components. Safeguard vapor recovery system components to maintain proper operation. Determine that overfill protection and spill prevention devices are present. Identify components of the cathodic protection system. Safeguard corrosion protection system components to maintain proper operation. Inspect sumps and spill containment boxes for accumulation of liquid and debris. Identify defective equipment and components such as nozzles, breakaway couplings, hoses, impact valves and emergency pump shut-off. Wire equipment and make electrical terminations and connections for proper operation.

3. Monitoring Equipment 32%

Determine if monitoring equipment is in place and is operational. Determine the alarm mode or status of the UST system. Determine the frequency of monitoring. Program and/or calibrate monitoring equipment. Perform periodic testing and maintenance of monitoring equipment. Identify system deficiencies such as improperly functioning components and inform the UST system owner/operator. Notify the local implementing agency as required. Repair replace, install or modify components or re-program or calibrate equipment. Complete necessary forms and documentation such as the Monitoring System Certification Form. Affix a tag/sticker on monitoring equipment components. Report system failures as required.

4. Containment Testing 12%

Identify secondary containment components. Determine testing requirements and perform secondary containment testing as necessary. Determine the level of the water table where necessary. Perform spill containment structure testing.

5. Health and Safety 16%

Perform job tasks using procedures to prevent spills and releases. Where necessary, use appropriate emergency response procedures. Follow handling procedures for waste material. Identify the location of, fire extinguishers and fire suppression systems and alarm pull boxes. Identify sources of flammable or combustible vapors and maintain at safe levels. Use procedures to prevent sparks and sources of ignition. Verify grounding of equipment to minimize the possibility of sparks from static and electricity or other differences in electrical potential. Identify and follow safety precautions for confined spaces. Use personal safety equipment necessary for the work involved such as protective clothing, breathing support devices and other safety equipment. Follow lock-out/tag-out procedures when necessary. Identify and follow site specific safety precautions by utilizing a Site Safety Plan.

California UST Service Technician Examination References

1. California Code of Regulations, Title 23, Division 3, Chapter 16, Underground Storage Tank Regulations.
2. California Health and Safety Code, Chapter 6.7, Underground Storage of Hazardous Substances
3. Operating and Maintaining Underground Storage Tank Systems, August 2000 (EPA 510-B-00-008)
4. Straight Talk on Tanks, September 1997 (EPA 510-B97-007)
5. EPA 910/B-92/001 *Health and Safety Training for Underground Storage Tank Inspectors, Students Guide*
6. PEI RP-100 (2000) *Recommended Practices for Installation of Underground Liquid Storage Tanks*
7. PEI RP-300 (2000) *Recommended Practices for Installation and Testing of Vapor Recovery Systems at Vehicle Fueling Sites.*

References are available from ICC in the form of a printed spiral bound booklet. Also references 1 through 4 are available at this website: <http://www.swrcb.ca.gov/ust/training/exams.html>

CALIFORNIA UST INSPECTOR EXAMINATION

The California UST Inspector exam is for the individual who verifies and ensures that UST systems are designed, installed, operated, and closed in compliance with applicable state and federal laws and industry standards to protect the health, safety, and welfare of the public and environment.

CONTENT OUTLINE

1. UST Inspector Qualifications

7%

Apply California UST laws and regulations while working within the scope of a UST Inspector. Possess and maintain UST Inspector certification and other applicable training and certification.

2. UST System Components and Design

10%

Identify the UST system layout and configuration. Identify the types, sizes, materials, and contents of tanks and piping.

3. Compliance Inspection and Administrative Procedures

28%

Review agency files and verify appropriate facility documents. Verify that the UST Service Technicians and Designated Operators have appropriate certifications and licenses. Verify monitoring equipment is properly installed and third-party evaluated. Inspect condition of all containment areas and components therein. Determine that overfill protection and spill prevention devices are present and installed properly. Verify that components requiring corrosion protection are installed, operated, and maintained properly. Discuss inspection report findings with the appropriate person and conduct proper follow-up. Verify that recordable and reportable (unauthorized) releases are properly documented and followed-up.

4. Periodic Testing and Evaluation of UST Systems

25%

Verify that the tank and line integrity testing, and appropriate leak detection is performed in compliance with UST laws (e.g., automatic tank gauging, statistical inventory reconciliation, and line leak detection). Verify that secondary containment and spill containment structure testing is performed in compliance with UST laws. Verify that enhanced leak detection testing is performed in compliance with UST laws. Verify that the monitoring system certification is performed in compliance with UST laws. Verify that cathodic protection testing is performed in compliance with UST laws. Verify that interior lining is evaluated properly and is in compliance with UST laws.

5. Health and Safety

5%

Follow site specific safety precautions when necessary. Identify flammable or combustible vapors and ignition sources. Identify and follow safety precautions for confined spaces. Identify location of emergency equipment, fire extinguishers, emergency pump shut-off, impact valves, etc. Use barricades when necessary and use personal safety equipment, such as protective gear, breathing devices, etc.

6. UST Installation, Closures, Repairs, Upgrades, and Modifications

17%

Verify that UST systems are designed in compliance with UST laws. Inspect UST system installation for compliance with UST laws. Verify that UST system closure is in compliance with UST laws. Verify that UST repairs, upgrades, and modifications are in compliance with UST laws.

7. Education and Enforcement

8%

Provide education and training for owners and operators. Use administrative enforcement orders, red tags, permit revocations, or referral to legal counsel to achieve compliance.

California UST Inspector Examination References

1. California Code of Regulations, Title 23, Division 3, Chapter 16, Underground Storage Tank Regulations.
2. California Health and Safety Code, Chapter 6.7, Underground Storage of Hazardous Substances
3. California Code of Regulations, Title 8
4. Operating and Maintaining Underground Storage Tank Systems, August 2000 (EPA 510-B-00-008)
5. Straight Talk on Tanks, September 1997 (EPA 510-B97-007)

References are available from ICC in the form of a printed spiral bound booklet. Also references are available at this website: <http://www.swrcb.ca.gov/ust/training/exams.html>

Part 7 - SAMPLE EXAMINATION QUESTIONS

The following sample questions are provided to give you an idea of the type of question to expect on the actual examinations.

California UST System Operator

- Which of the following operational requirements must an operator comply with for an automatic line leak detector?
 - have the footvalve tested annually.
 - Exercise the "automatic reset" monthly.
 - check the interstitial space weekly for liquid.
 - have the automatic line leak detector tested annually.
- According to Title 23, CCR, UST Regulations, results of the tank tightness testing must be retained for what period of time?
 - For a period of 3 years
 - For the life of the facility
 - Until the next tightness test is conducted
 - Until you are sure a release has not occurred
- Records for UST construction, repairs, lining, and upgrades must be kept for:
 - 10 years.
 - 25 years.
 - the life of the tank.
 - the life of the warranty.
- When used for release detection, Automatic Tank Gauging (ATG) systems must be certified:
 - at start up only.
 - every 6 months.
 - every year.
 - every 3 years.
- If your tank has an impressed current rectifier how often does it need to be inspected?
 - Once every week
 - Every 60 days
 - Every 6 months
 - The annual test is all that is required.
- An automatic line leak detector is required for all pressurized piping. The automatic line leak detector must be tested:
 - monthly.
 - annually.
 - every 3 years.
 - every 5 years.
- Results of the annual monitoring system certification shall be recorded:
 - as specified by the UST Owner.
 - in the written monitoring plan.
 - as specified by the manufacturer.
 - on the Monitoring System Certification Form.

California UST Inspector

- An automatic shut-off device must stop the flow into the tank when the:
 - tank is 90% full.
 - delivery truck is 95% empty.
 - tank is filled to no more than 95% of capacity.
 - fuel level is 48 inches from the bottom of the tank.
 - When an ATG system is used to monitor a tank, a 0.2 gallon/hour leak test must be performed:
 - at least once daily.
 - at least once monthly.
 - at least once yearly.
 - as specified by the equipment manufacturer.
 - A Monitoring System Certification includes all of the following, EXCEPT:
 - submission of a completed "Monitoring System Certification" form.
 - pre-notification to the local agency of scheduled Monitoring System Certification date.
 - affixing a tag/sticker to each monitoring equipment component that is certified, repaired, or replaced.
 - posting the "Monitoring System Certification" form in a visible location at the UST facility.
 - According to CCR Title 23, UST Regulations, a person who performs a Monitoring System Certification must possess all of the following, EXCEPT:
 - a tank tester or contractor license.
 - a 40 Hour OSHA Hazwoper certificate.
 - an equipment manufacturer certification.
 - an ICC certification as California UST Service Technician.
 - Any person who intentionally disables or tampers with a leak detection system in a manner to prevent the system from detecting a leak is subject to a minimum fine of:
 - \$ 500
 - \$ 1,000
 - \$ 5,000
 - \$10,000
- An interstitial monitor detects:
 - loss of fuel due to theft.
 - vapors in the air space above the fuel.
 - problems with the cathodic protection system.
 - leaks between the primary and secondary containment.
 - A person who installs monitoring equipment must possess any one of the following licenses, EXCEPT:
 - a C-34 Pipeline Contractor license
 - a C-36 Plumbing Contractor license
 - a Class "A" General Engineering Contractor license
 - a UST Monitoring Equipment Contractor license.
 - All of the following should be inspected and documented on the Monitoring System Certification form, EXCEPT:
 - remote overfill alarms.
 - the emergency shut-off switch.
 - electronic line leak detectors.
 - entry and termination of in-tank gauging wires.

ANSWERS TO SAMPLE QUESTIONS

California UST System Operator Sample Questions

1. D, CCR Title 23, Sec 2638(a)
2. A, CCR Title 23, Sec 2712(b)
3. C, CCR Title 23, Sec 2712(b)
4. C, CCR Title 23, Sec 2638(a)
5. B, Operating & Maintaining UST Systems, pp.36, 41

California UST Service Technician Sample Questions

1. D, Straight Talk on Tanks, p. 6
2. D, CCR Title 23, Sec 2637(b)(1)(A) & 2638(a)
3. B, CCR Title 23, Appendix VI
4. B, CCR Title 23, Sec 2637(b) & 2641(j)
5. D, CCR Title 23, Sec 2638(c)

California UST Inspector Sample Questions

1. C, CCR Title 23, Sec 2635(b)(2)(c)
2. B, CCR Title 23, Sec 2643(b) & Operating & Maintaining UST Systems, p. 7
3. D, CCR Title 23, Sec 2638
4. B, CCR Title 23, Sec 2638(b) & 2715(l)
5. C, CA Health & Safety Code, Chapter 6.7 Sec 25299(f)(2)

Part 8 - PREPARING FOR THE EXAMINATION

Most of the stress prior to taking an exam would be eliminated if you knew all of the correct answers. All questions in all exams are provided in a multiple-choice format. The exam provides four answers to each question, but only one answer is completely correct.

Tips for Successfully Taking Exams

Many people do not like taking exams. As a result, they rush through an exam to get the frustration over with quickly. Some people stay up late to cram for an exam and are too tired the next day to give it their best effort. Also, when an everyday situation is put into a multiple-choice question, the answer may not seem clear.

The best way to prepare for an exam is to practice, practice, practice answering similar-type questions. Practicing also helps relieve "test stress."

Before the Exam

- Gather the items you must take to the exam (e.g., required identification, the reference materials, a letter of authorization to take the exam, reading glasses).
- Know the location of the exam, how long it takes to get there, and where to park.
- Get a good night's rest and have a good meal about two hours before the exam.
- Arrive at least one-half hour early and be ready to start on time.
- Do NOT bring valuable personal items or any prohibited items (e.g., other study materials, highlighters and notepads). The test center will provide scratch paper and, if required, plans.

Relieving Test Stress

- A simple way to relax is to breathe deeply.
- Lean back, close your eyes, and relax your muscles.
- Take three very deep breaths, holding each as you slowly count to 10.
- Exhale slowly.
- Now feeling refreshed, open your eyes and return to the exam.
- You should not feel rushed; Having someone outside waiting for you to finish the exam can add stress.

During the exam:

- Don't read a period in the place of a comma, you may miss important information or the meaning of what is being read.
- Breathe deeply; oxygen is the most important nutrient for the brain.
- Work quickly.
- Read every question carefully to make sure you understand exactly what is asked.
- Read the answers carefully and rule out the ones you know are wrong; remember, only one answer is completely correct or the best answer.
- Look up the answer in the code book if you are not confident of your choice. **(Open book exams only.)**
- Do not spend too much time on any one question; if you have trouble with a question, mark it, leave it blank, and continue on. At the end of the exam go back and try it again.
- Be aware of your remaining time; try to answer every question.

We wish you success in your efforts to further your professional career.